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PTO/SB/08A (08-03)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number **10/541184**  
Filing Date **December 22, 2003 [371(c) date]**  
First Named Inventor **Akihiko Namba**  
Art Unit **(To be assigned)**  
Examiner Name **(To be assigned)**  
Attorney Docket Number **39.050**

Sheet **2** of **3**

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/AS/	F7	JP-H05-024991-A	02-02-1993	Matsushita Electric		✓
/AS/	F8	JP-H06-048715-A	02-22-1994	Matsushita Electric		✓

Examiner  
Signature

/Ankush Singal/

Date  
Considered

05/30/2007

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Complete if Known Main Stage of PCT/SP 2003/016493	
		Application Number	
		Filing Date	
		First Named Inventor	
		Art Unit	
		Examiner Name	
Sheet	3	of	3
		Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/ASI/	O1	G. Popovici, et al., "Prospective n-type impurities and methods of diamond doping," Diamond and Related Materials, Vol. 4, 1995, pp. 1305-1310	
/ASI/	O2	S. A. Kajihara, et al., "Nitrogen and Potential n-Type Dopants in Diamond," Physical Review Letters, Vol. 66, No. 15, 15 Apr 1991, pp. 2010-2013	
/ASI/	O3	R. Kalish, "The search for donors in diamond," Diamond and Related Materials," Vol. 10, 2001, pp. 1749-1755	
/ASI/	O4	J. F. Prins, "Activation of boron-dopant atoms in ion-implanted diamonds," Physical Review B, Vol. 38, No. 8, 15 September 1988, pp. 5576-5584	
/ASI/	O5	F. Fontaine, et al., "Boron implantation/in situ annealing procedure for optimal p-type properties of diamond," Appl. Phys. Lett., Vol. 68, No. 16, 15 April 1996, pp. 2264-2266	
/ASI/	O6	J. F. Prins, "Towards improving the quality of semiconducting diamond layers doped with large atoms," Diamond and Related Materials, Vol. 8, 1999, pp. 1635-1641	

Examiner Signature	/Ankush Singal/	Date Considered	05/30/2007
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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# IDS LIST OF REFERENCES UNDER 37 C.F.R. 1.98

Sheet 1 of 1

Application Number : 10/541,184  
Filing Date : July 01, 2005  
First Named Inventor : Akihiko Namba  
Art Unit : 2812  
Examiner Name : (to be assigned)  
Docket Number : 039.0050

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
/AS/	F1	JP-2000-313694-A	11-14-2000	Sharp		<input checked="" type="checkbox"/>

Examiner Signature	/Ankush Singal/	Date Considered	05/30/2007
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